Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/708,312              | DEPUE, TODD L.                          |
| Examiner                | Art Unit                                |
| Lawrence Lambelet       | 1732                                    |

| Rejected    | - | (Through numeral)<br>Cancelled |
|-------------|---|--------------------------------|
| <br>Allowed | ÷ | Restricted                     |

| N | Non-Elected  | A | Appeal   |
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| 1 | Interference | 0 | Objected |

| E       | Claim |          |  | Date          |        |  |       | CI             | aim |               |                   | С        | ate      |        |               |          |       | Cla         | aim |          |             |          | (        | Date      | e .            |          |          | $\Box$    |
|---|-------|----------|--|---------------|--------|--|-------|----------------|-----|---------------|-------------------|----------|----------|--------|---------------|----------|-------|-------------|-----|----------|-------------|----------|----------|-----------|----------------|----------|----------|-----------|
| 1   | =     |          |  |               | ĺ      |  |       |                | -   |               |                   |          |          | Т      |               |          |       |             | =   |          |             |          |          |           |                |          | $\neg$   | П         |
| 1   | in a  | 8 8      | 8  |               |        | 11   |       | ল              | ina |               |                   |          |          | ۱.     |               |          |       | <u>a</u>    | ina |          |             |          |          |           |                |          |          |           |
| 1   | ᄩᆝᇎ   | 5/2      | 9/8  |               |        |  |       | ıĒ             | jr  |               |                   |          | - 1      |        |               |          |       | ᇤ           | rig |          |             |          |          |           |                |          |          |           |
| 2   |       | "        | "  |               |        | П  |       |                | 0   |               |                   |          |          |        |               |          |       |             | 0   |          |             |          |          |           |                |          |          |           |
| 2   | 1     | + N      | N  |               | 7      | П  |       |                | 51  |               | 1                 |          |          |        | 1             |          |       |             | 101 |          |             |          |          |           |                |          | $\neg$   | П         |
| 4   | 2     |          |  |               |        |  |       |                | 52  |               | $\Box$            |          |          | 7      | $\Box$        |          |       |             |     |          | $\neg \neg$ |          |          |           |                | $\Box$   | $\neg$   | П         |
| 4   | 3     |          |  |               |        |  |       |                | 53  |               |                   | $\neg$   | T        | T      |               |          |       |             |     |          |             |          |          |           |                |          | $\neg$   | $\sqcap$  |
| 66  | 4     |          |  |               |        | П  |       |                | 54  |               |                   |          |          |        |               |          |       |             | 104 |          |             |          |          |           |                |          | $\neg$   | $\neg$    |
| 107   108   108   109 |       |          |  |               |        |  |       |                | 55  |               |                   |          |          |        |               |          |       |             | 105 |          |             |          |          |           |                |          |          |           |
| S   |       |          |  |               |        |  |       |                | 56  |               |                   |          |          |        |               |          |       |             |     |          |             |          |          |           |                |          |          |           |
| 9   |       |          |  |               |        |  | _     | <u></u>        |     |               |                   |          |          |        |               |          |       |             |     |          |             |          |          |           |                |          |          |           |
| 10  |       |          |  | $\perp$       | 1_     | Ш  | _     |                |     |               | Ш                 |          |          |        |               |          |       |             |     |          |             |          |          |           |                |          |          |           |
| 111     12     61     111     112     112     112     112     112     113     113     113     113     113     113     113     114     115     116     116     116     116     116     116     116     116     116     116     116     116     116     116     117     118     118     118     118     118     118     118     118     118     118     119     119     119     119     119     120     120     121     121     121     121     121     121     122     122     122     122     122     122     122     122     122     122     122     122     122     122     122     123     123     124     124     124     124     124     124     124     124     124     124     125     126     127     127     127     127     127     127     128     128     128     129     130     131   |       | + 1      | <b>V</b>   | $\perp \perp$ | 1_     | $\sqcup$   | _     | <u></u>        |     |               |                   | $\Box$   |          |        |               |          |       |             | 109 |          |             |          |          |           |                |          |          |           |
| 12  |       |          |  | $\bot$        | 1_     | $\sqcup$   | _     |                |     |               | Ш                 |          | $\perp$  |        |               | :        |       |             |     |          |             |          |          |           |                |          |          |           |
| 13  |       |          |  | $\bot$        | 1_     |  | _     |                |     |               | Ш                 |          |          |        | Ш             | :        |       |             |     |          |             |          |          |           |                |          |          |           |
| 14     64     114     115     114     115     115     115     115     115     115     115     115     116     115     116     115     116     117     118     116     117     118     117     118     118     118     118     118     118     118     119     120     119     120     119     120     121     121     122     123     123     123     123     123     123   |       | _ļ_      | $\sqcup$   | $\bot \bot$   | _      | $\sqcup$   | _     | <u></u>        |     |               |                   |          | _        | 1      | $\perp \perp$ |          |       | ]           | 112 |          |             |          |          |           |                |          |          | $\Box$    |
| 15  |       |          | $\sqcup \!\!\!\!\perp$                           | +             | 4_     | $\sqcup$   | _     | -              |     | _ _           | Ш                 | $\sqcup$ | _        |        | $\perp \perp$ |          |       |             |     |          |             |          |          |           |                | [        | $\Box$   |           |
| 16   17   18   116   117   118   117   118   118   118   118   118   118   118   119   119   119   119   119   119   120   120   121   122   122   122   122   122   122   122   122   122   122   123   123   123   124   124   124   124   124   125   125   126   126   127   127   127   127   127   127   127   127   127   127   127   127   127   127   127   128   129   130   130   130   130   130   130   130   131   131   131   131   131   131   131   131   131   133   132   132   132   132   132   133   133   133   133   133   134   134   134   134   134   134   134   134   134   135   135   135   135   135   135   135   135   136<   | 14    | $\bot$   | $\sqcup \bot$                                    | +             | —      | $\sqcup$   | _     | <u></u>        |     | _ _           | $\sqcup$          | $\Box$   |          | _      | $\perp$       |          |       |             | 114 | $\Box$   |             |          |          |           |                |          | ]        |           |
| 17   18   67   117   118   118   118   118   118   119   119   119   119   119   119   119   119   119   119   119   119   119   119   119   119   11119   11119   11119   11119   11119   11119   11119   11119   11119   11119   11119   11119   11119   11119   11119   11119   111119   11119   111119   111119   |       | _        | - -  |               |        | $\sqcup \downarrow$                              | _     | <u></u>        |     |               | $\perp$           | $\sqcup$ | $\perp$  | 4      | $\perp \perp$ | Щ        |       |             | 115 |          |             |          |          |           | Ш              | _[       |          | $\square$ |
| 18   19   68   118   119<   |       |          | $\vdash$   | ++            |        | $\sqcup$   | _     | <u></u>        |     | _             | $\sqcup$          |          |          | _      | $\perp$       | Щ        |       |             |     |          |             |          |          |           | Ш              | _        |          |           |
| 19  |       |          | $\vdash$   |               |        | <b>↓</b> ↓                                       | _     |                |     |               | +                 |          | _        | _      | $\perp$       | ::       |       |             | 117 |          |             |          |          |           |                |          |          | _         |
| 120   |       |          | $\vdash$   | ++            |        | 1_1  | _     |                |     |               | $\perp$           | _        | $\dashv$ | _      |               | [::      |       |             |     |          |             | _        |          |           |                | _        | _        |           |
| 21   71   72   121   122   122   122   123   124   124   124   124   124   124   125   125   125   125   125   125   125   127<   | 19    |          | <del>                                     </del> |               | -      | $\sqcup$   | -     |                |     |               | $\perp$           | $\dashv$ |          | _ _    | $\perp$       |          |       |             | 119 |          |             | _        |          |           |                | $\perp$  | $\dashv$ | $\Box$    |
| 22   72   73   122   123     24   74   124   123   124     25   75   125   125   125   126     26   76   77   127   127   127   128   128   128   128   128   129   129   130   130   131   131   131   131   131   131   131   131   131   131   131   131   132   132   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   134   135   136   136   137   137   137   137   137   137   137   138   138   138   138   138   139   140   140   141   142   142   142   142   143   144   144   144   144   144   144   144   144   144   144   144   144   145   146   146   146   |       |          |  | +             | -      | $\vdash \vdash$                                  | -     |                | 70  |               | $\perp$           | _        |          | _ _    | $\perp$       |          |       |             | 120 | _        |             | _        |          |           |                | _        | $\sqcup$ | Ц         |
| 23     73     123     124     124     125     125     126     126     126     126     126     126     126     126     126     126     126     127     127     127     127     127     127     128     128     128     128     129     129     129     129     129     129     129     129     129     129     130     130     131     130     131     131     132     133     133     133     133     133     133     133     133     133     133     133     134     134     134     134     134     134     134     134     135     135     135     135     136     137     138     137     138     1   | 21    | _        | $\vdash$   | $\bot$        | —      | $\sqcup$   | -     |                |     |               | $\perp$           | _        | _        |        | 1-1           |          |       |             | 121 | _        |             | _        |          | _         |                | _        | _        | _         |
| 24   124   124   124   125   125   126   126   126   126   126   127   127   127   127   127   128   129   129   130   130   130   130   130   130   130   131   131   131   131   131   132   133   134   134   134   134   134   134   135   135   135   136   136   137   137   138   138   138   138   138   138   138   139   140   141   141   141   141   141   14   | 22    | -        |  | +             | +      | Н.   | 4     | <u> </u>       |     |               | -                 | $\dashv$ |          | -      | $\perp$       |          |       |             |     |          |             |          |          | _         |                | _        | _        | _         |
| 25  |       |          |  |               | +-     | <b>├</b>   |       | <u> </u>       |     | _ _           | 4                 | $\dashv$ | _        | _      | 1-1           | :        |       |             | 123 | _        |             | _        |          | _         | _              |          | _        | _         |
| 26   76   126     27   127     28   78   128     29   129     30   80     31   81     32   82     33   83     34   84     35   86     37   86     38   136     37   87     38   88     39   89     40   90     41   91     42   92     44   94     44   94     45   96  | 24    |          | $\vdash$   | ++            | +      | <del></del>                                      |       | <u> </u>       |     |               | +                 | 4        |          | 4      | -             |          |       |             |     |          |             | _        |          | _         |                | _        |          | _         |
| 27     127     128     128     128     128     128     128     128     129     129     129     130     130     130     131     131     131     131     131     132     132     132     132     133     133     133     133     133     133     133     133     133     134     134     134     134     134     134     135     135     135     135     135     136     136     137     137     137     137     137     138     138     138     138     138     138     139     140     140     140     141     141     141     141     142     142     142     142     142     142     143     144     144     144     144     144     144     144     144     144     145     146     146     146     146     146     146     146     146     146     146     146     146     146     146     146  | 25    |          | ₩  | +-+-          |        | $\vdash$   | -     | <b></b>        | 75  |               | +                 | -        | _        | _      | $\sqcup$      | Щ.       |       |             | 125 |          |             |          |          | _         | _              |          | 4        |           |
| 28   78   128   129     30   80   130   130     31   81   131   131     32   82   132   133     33   83   133   133     34   84   134   134     35   85   135   135     36   86   136   137     38   88   138   138     39   89   139   139     40   90   140   141     41   91   141   141     42   92   142   143     43   93   144   144     45   96   146   146   | 20    |          | ╁┼   | -  -          |        | $\vdash$   |       | <u> </u>       |     | -             |                   | $\dashv$ | -        | -      | +             |          |       |             | 126 | _        |             | $\dashv$ | _        |           | _              | $\dashv$ | $\dashv$ | 4         |
| 29   79   129     30   130   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   142     43   94   144     44   94   144     45   96   146  |       |          | $\vdash$   | +-            | +-     | $\vdash$   | - ::: |                |     | -             | +                 | -        |          | +      | +-+           |          |       |             |     |          | -           | _        | _        | $\dashv$  |                | -        |          | $\dashv$  |
| 30   80   130     31   81   131     32   82   132     33   133   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   96   146  | 20    | +        | $\vdash$   |               |        | $\vdash$   | -     | <u> </u>       |     | +             | +                 | -        |          | +      | +             |          |       |             | 128 | -        | -           | _        | -        | _         |                | -        |          | $\dashv$  |
| 31   81   131   132   132   132   133   133   133   133   133   133   133   134   134   134   134   134   134   135   135   135   135   135   136   136   137   137   137   137   137   138   138   138   138   138   138   139   140   140   140   141   141   141   141   142   142   143   144   144   144   144   145   145   146   |       | +        | -  | + +-          | +-     | $\vdash$   | -     | }              |     |               | -                 | $\dashv$ |          | +      | 1-1           |          |       |             | 129 | $\dashv$ | -           |          |          |           |                | -        | $\dashv$ | $\dashv$  |
| 32   82   132   133     33   84   134   134     35   85   135   136     36   86   136   137     38   88   138   138     39   88   138   139     40   90   140   141     41   91   141   141     42   92   142   143     43   93   143   144     45   95   145   146   |       | +        |  |               | +      | ┨  | -     | <b>├</b> ─     |     |               | +                 | $\dashv$ | +        | +      | 1-1           |          | ŀ     |             | 130 |          | $\dashv$    |          | $\dashv$ | $\dashv$  |                | -        | $\dashv$ | -         |
| 33       83       133   <td></td> <td>+-</td> <td><del>                                     </del></td> <td>++</td> <td>+</td> <td><math>\vdash</math></td> <td>-</td> <td>-</td> <td></td> <td></td> <td>╁</td> <td>-</td> <td>+</td> <td>+-</td> <td>╂┤</td> <td></td> <td>-</td> <td></td> <td>122</td> <td><math>\dashv</math></td> <td>┥</td> <td><math>\dashv</math></td> <td></td> <td></td> <td></td> <td><math>\dashv</math></td> <td>-</td> <td><math>\dashv</math></td>  |       | +-       | <del>                                     </del> | ++            | +      | $\vdash$   | -     | -              |     |               | ╁                 | -        | +        | +-     | ╂┤            |          | -     |             | 122 | $\dashv$ | ┥           | $\dashv$ |          |           |                | $\dashv$ | -        | $\dashv$  |
| 34   84   134   134     35   86   135   135     36   86   136   137     37   88   137   137     38   88   138   138     39   89   139   140     40   90   140   141     41   91   141   141     42   92   142   143     43   93   143   143     44   94   144   144     45   96   145   146   |       | +        | $\vdash$   | <del></del>   | ╁      | <del>                                     </del> | -     | <del> </del>   |     | $\dashv$      | +-+               | +        | ╅        | ╁      | +             | -        | ŀ     |             | 132 |          | $\dashv$    |          | -        | -         | $\dashv$       | +        | -        | $\dashv$  |
| 35   85   135     36   86   136     37   87   137     38   88   138     39   88   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146   |       | $\vdash$ |  | ++            | 1      | - -  | - !!! | <del>  -</del> |     | +             | +                 | $\dashv$ | $\dashv$ | +      | ╁┤            | $\dashv$ | ii l  |             |     | $\dashv$ | -           | -        | -        |           | $\dashv$       | -        | $\dashv$ | $\dashv$  |
| 36   86   136     37   137   137     38   88   138     39   88   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146  |       | $\top$   |  | 1             | $\top$ |  | ١!!!  |                |     | +             | +                 | $\dashv$ | +        | +      | +-            | $\dashv$ | :::I  |             | 135 | $\dashv$ |             |          | $\dashv$ | -         | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$  |
| 37   88   137   138   138   138   138   138   139   139   140   140   140   140   140   141   141   141   141   141   141   142   142   143   143   143   144   144   144   144   145   145   146   |       | $\dashv$ |  | +             | $\top$ |  | -     |                |     | $\dashv$      | +                 | $\dashv$ | -        | +-     | 1-1           | :        | iil   |             |     | $\dashv$ | $\dashv$    | $\dashv$ | $\dashv$ | -         |                | $\dashv$ | $\dashv$ | $\dashv$  |
| 38   138     39   88     40   90     41   91     42   92     43   93     44   94     45   95     46   96  | 37    | $\neg$   |  | ++            | $\top$ | $\vdash$   | 7     | -              |     | _             | +-                | 十        | $\dashv$ | ╁      | 1-            |          | ŀ     |             | 137 | $\dashv$ | -           | $\dashv$ | $\dashv$ |           | -              | $\dashv$ | $\dashv$ | $\dashv$  |
| 39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146   | 38    | $\dashv$ | $\vdash$   | ++            | $\top$ | $\vdash$   | 7111  |                |     | +             |                   | _        | +        | +      | 1             | $\dashv$ | ŀ     |             | 138 |          | .           | ᅱ        | -        |           |                | $\dashv$ | $\dashv$ | $\dashv$  |
| 40 90   41 91   42 92   43 93   44 94   45 95   46 96   | 39    | $\top$   |  | 1-1-          | $\top$ | $\vdash$   | 7111  |                |     |               |                   | $\dashv$ | $\dashv$ | +-     | +-+           | $\dashv$ | ii l  | <del></del> |     | $\dashv$ | -           |          | ⊣        | -         | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$  |
| 41 91 141   42 92 142   43 93 143   44 94 144   45 95 145   46 96 146   | 40    | $\neg$   | $\sqcap$   | 1             |        |  | 7     |                |     | $\neg \vdash$ | $\Box$            | 十        | $\dashv$ | +      | +             | -        | :::I  |             | 140 | $\dashv$ | -           |          | $\dashv$ |           | -              | -        | $\dashv$ | $\dashv$  |
| 42 92   43 93   44 94   45 95   46 96   |       |          |  | $\top$        | 1      | -  | 7     |                |     | $\neg$        | 1 1               | $\dashv$ | $\top$   | $\top$ | 1 1           | - :      | #     |             |     | $\neg$   | ᅱ           | ┪        | ┪        | $\dashv$  | <del>-  </del> | 十        | $\dashv$ | $\dashv$  |
| 43 93   44 94   45 95   46 145  | 42    |          |  | 11            |        | $\vdash$   | 7     |                | 92  | _             | 1 1               | $\dashv$ | $\top$   | T      | $\vdash$      | -        | #     | $\dashv$    | 142 | $\dashv$ | -           | $\dashv$ | $\dashv$ | -         | -              | $\dashv$ | $\dashv$ | $\dashv$  |
| 44  | 43    |          |  | 7             | T      |  | 7111  |                |     |               | $\dagger \dagger$ | $\dashv$ | $\dashv$ | 1      | 1             | ᅰ!!      | iii t |             |     | $\dashv$ | _           | $\neg$   | $\neg$   | $\dashv$  | $\dashv$       | _        | $\dashv$ | $\dashv$  |
| 45  | 44    |          |  |               |        |  | 7111  |                | 94  |               | 11                | $\neg$   | $\neg$   | +      | $\top$        |          | 計     |             | 144 |          | $\dashv$    |          | $\neg$   | $\neg$    | $\dashv$       | _        | $\dashv$ | $\dashv$  |
| 46 96 146   | 45    |          |  |               |        |  |       |                | 95  |               | $\sqcap$          | 7        | _        | $\top$ | $\Box$        |          | iit   |             | 145 |          | $\dashv$    | _        | _        | 寸         | ᅥ              | 十        | $\dashv$ | $\dashv$  |
|   | 46    |          |  |               |        |  |       |                | 96  |               | $\Box$            | $\dashv$ | $\neg$   | T      | 17            | -        | #     | $\neg$      | 146 | $\dashv$ | 一           | ヿ        | $\neg$   | $\exists$ | ┪              | -        | $\dashv$ | ᅱ         |
|   | 47    |          |  |               |        |  |       |                | 97  |               |                   | _        |          | $\top$ | $\Box$        | 7        | ी     | $\neg$      | 147 | 寸        | $\neg$      |          | 寸        | $\dashv$  | 7              |          | 一        | ᅱ         |
| 48 98 148   |       |          |  |               |        |  |       |                | 98  |               |                   | $\Box$   |          |        | $\sqcap$      | 7        | ::    | $\dashv$    | 148 | 7        | $\dashv$    |          | 一        | 7         | $\neg$         | $\dashv$ | 7        | $\dashv$  |
| 49  | 49    |          |  |               |        |  |       |                |     |               |                   | $\Box$   |          |        | $\Box$        |          | ij    |             |     |          | 寸           | $\neg$   | $\neg$   | $\neg$    |                | 十        | $\dashv$ | $\dashv$  |
| 50  | 50    |          | L.I.   |               |        |  |       |                | 100 |               |                   | $\Box$   | I        | Ι      |               |          |       |             | 150 |          |             |          |          | $\neg$    | 7              | $\neg$   | $\dashv$ | コ         |